PAT'S PATTERNS

for Knitting machines

Patterns to fit you, no matter how you are built!

ISSUE #64 OCTOBER 1985

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Pat's Patterns is published monthly by Patricia Wetzel, R.D.#4, Box 416, Twolick Drive, Indiana, PA 15701. Phone (412)463-8060. Subscription rates: one year $14.40 in the USA; $21.00 in US funds for all other countries and for USA residents desiring first class mailing of their copies. This newsletter is shipped third class mail on or about the 21st of the month preceding the issue month.

BROKEN TOE RIBBER CAST ON

1. Carriages on the right, set up needles for 1x1 rib and using tightest possible tensions on both carriages knit the zig-zag row to the left (Brother machines put slide lever on II).

2. Insert ribber cast on comb.

3. Disengage carriages and run ribber carriage from left to right and back, releasing stitches from the ribber needles.

4. Rejoin carriages and knit 1 row to right.

5. Set carriages for regular circular ribber cast on and knit 2 rows.

6. Reset carriages for regular knitting, hang weights, adjust tensions for that which is desired for the ribbing and knit the rows of the ribbing.

7. Continue knitting the remainder of the garment.

8. When garment section is completed, remove weights and cast on comb.

9. Pull up the end loop of the cast on yarn at the side opposite the dangling end, but do not pull the end through. Adjust the lower edge of the ribbing width on this loose yarn until it approximates the desired width and steam just this edge very lightly, without letting the weight of the iron rest on the ribbing.

10. After cooling, pull the looped end of the yarn until it is removed from the first row of the garment. Use this "tail" for seaming.

NOTE: When using this cast on for full needle rib use half pitch with the fine knit bar on the main bed. When hanging the cast on comb, be sure to insert it with the teeth between the stitches on the main bed (if the teete are between the ribber stitches the comb will fall off when the ribber stitches are released).

SECOND NOTE: This was demonstrated by Yuko Okada, Brother representative.

Editorial note: This cast on is suggested in many of the Studio ribber books.

Friday, September 13, 1985

After more than a week of sweltering heat and humidity it is quite cool. Seems as if summer is gone and Fall is upon us - drat! Autumn is beautiful here in western Pennsylvania, with gorgeous colorful leaves, but it is a short season. I hate winter!

One thing the cool weather does is to generate enthusiasm for knitting cozy garments. As soon as I get this issue in the mail on the 20th or 23rd I am going to get busy knitting! I want to make at least one part wool dress with a contrast color vest. Intarsia is really "in" this fall and I want to knit a couple of pull-overs using that technique. Plans also include some textured knits - perhaps one of the oversized English rib tops.

Before I do all that intarsia work I just might invest in the new Studio 700. Intarsia is built-in and it also features a wider knit contour, making bias knitting projects easy to chart.

I have met so many fans at the seminars this year, especially at Iowa and North Dakota. Hello to each of you. I will be at Pottstown on October 12 and at Erie October 18 & 19. I guess that will be the end of my seminar experiences until next spring.

Apparently some of you are confused about the millimeter sizing of knitting machines. A 4.5 mm machine is the one most people have. The fine knitters are 3.5 mm models and most of the chunky machines have 9 mm needle spacing. Passap is 7 mm spacing.

When I returned from the last seminar there was so much junk mail here that I almost tossed it all out without looking at it. However, one was a specialty clothing catalog that contained many interesting sweaters and dresses, the styles and patterns such that they could easily be reproduced on the knitting machine. If you are like me, you are always on the lookout for new ideas.

The kids are in school, the canning is done and it is cool. Let's alternate knitting with our Fall housecleaning. If I didn't have so many other things that just have to be done, I would have a lot of time to knit. For instance, my car needs to be serviced, the dog, Pippin, has a trip to the vet pending for his shots and my son is due for his eye examination. I am sure many other incidental chores will arise, too, within the next couple of weeks. Next month I'll let you know what I do and do not accomplish. Happy knitting!

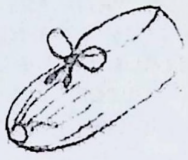
Pat

NOTABLE NITS, NOTES, & NOTIONS — Article XXXIV

by J. Chamberlain, OLCS, RD#4, Box 201, Dallas, Pa., 18612

Here are 2 types of foot wear for little tikes. One is a pair of double slippers and the other is a pair of slipper socks.

DOUBLE SLIPPERS

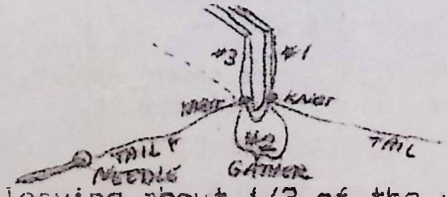


TENSION--6
GAUGE--4.5st x 5.6Rs
MATERIAL--4ply KW weight
MACHINE--Bulky
FOOT LENGTH--4 1/2" to 5"
SIZE--9 Mos

Make 2--Over 33 needles (add or subtract 3 needles here for size change), CO 17sts EON. The best CO here is the weaving CO. To do this, bring needles to HP & starting with the tail of yarn at needle farthest from cam, weave the yarn over & under the needles. Thread cam. K 1R slowly. Then K to R 12(add or subtract 2Rs here for size change). Bring the inbetween needles to WP. The 11th needle (add or subtract 1 needle hre for each 3 needles added or subtracted in the CO) in from both edges must be empty & placed in NWP. Transfer sts to adjacent needles if necessary. T @ 6, K 14Rs (2Rs can be added or subtracted here also, if the size change is very great). T 10, K 2R, (this is the fold line, shaping is reversed from this point. Make any size changes, as above, in their proper place when you come to them.

T 6, K 14Rs. Transfer EO st to adjacent needles for EON setup. Use the 2 NWP needles if necessary. K 12Rs @ T2.

Cut yarn leaving a 12" tail. Thread a tapestry needle & remove sts onto it. Gather up sts & secure end--do not cut yarn tail off. Pull up on the CO tail of yarn & gather up this edge. Fasten off this tail of yarn & cut it off. Press straight edges slightly & fold at center (T 10 Rs). Press fold. Stuff one toe into the other toe. Using yarn tail that remains, sew up mock rib section, from the tip of the toe to the St St section, making sure to secure both layers on each side.



With a separate piece of yarn about 18 to 24" long, at back of slipper, (fold), gather up the middle section between the 2 NWP spaces (#2 of illustration). This is the bottom of the heel. Do this by leaving about 1/2 of the yarn extending at the start of this section. Make a knot at the first NWP space, run a gathering st

through the folded edge of the middle section, gather this section up and make a knot at the second NWP space. Holding the center back edges tog (#1 & #3 in illustration), sew them together using a running st first through one side then the other side works best here. Secure this end at the top of the seam, but do not cut it off.

Now, continue across the top edge of the St St with a running st, catching both thicknesses. Bring the end to the center front. DO NOT fasten nor cut it. Thread the other tail into the tapestry needle & work this end up the center back seam, then go around the other side of the top edge. Again come out at center front. These 2 tails form the ties for the slipper.

Variation--Bottom of heel may be gathered up & back seam sewn, then crochet aroung top of St St section as desired. Chain a small cord & work it through the crochet & tie. Add pom poms or tassels to the tie ends.

SLIPPER SOCKS

TENSION--6
GAUGE--4.5sts x 5.6Rs
MACHINE--Bulky
MATERIAL--4ply KW weight
SIZE--9 mo

Make 2--"e" CO 56sts @ T4, K 6Rs. Latch rib every 3rd st. T6, K 24Rs. T4, mark row with a piece of ravel cord, weaving it over & under the needles. K 6Rs. Latch rib every 3rd st from the marked row up. BO. Sew BO edge to CO edge & gather up one end for toe.

These can be used as is or crochet around the other end with any decorative crochet. A chain about 24" long can be laced in & out of the ribs like a shoe lace, starting at the toe & lacing up to the top. Tie in a bow & add pom poms or tassels tne the chain ends.

To make larger or small socks, just CO 4sts more or less for 1" change in length & K 2Rs more or less in each section to add or subtract an inch.

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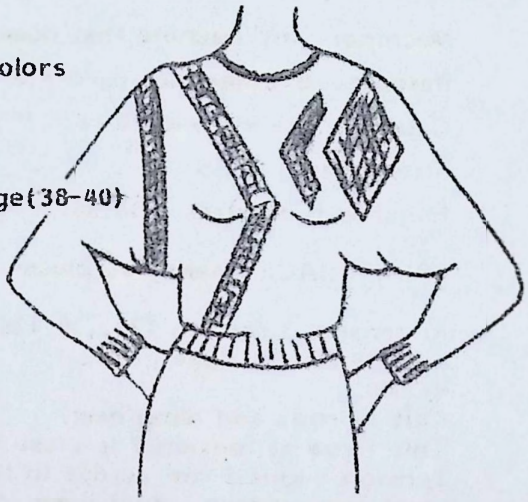
SIDEWAYS KNIT FLOURESCENT SWEATER



Machine: any standard 4.5 mm

Yarn: Nomis 3/15 flourescent, assorted colors

Gauge: 8.5 sts and 12.75 rs = 1"

Stitch size: try 6

Sizes: Small(32-34), Medium(35-37), Large(38-40)

FRONT

Work in any big, bold geometric intarsia pattern or huge stripes, etc.

With scrap yarn, cast on 40 stitches and knit several rows. Knit 1 row with ravel cord.
RC000.
Using main yarn knit, increasing 1 stitch at the left edge every third row to row ~~216~~ 175 ~~230~~ 192, 242.
Now, at the left edge cast on ~~62~~ 42, 62, 60 stitches.
RC000.
On all stitches knit even for 66, 76, 86 rows.
At neck edge bind off 5 stitches then decrease 1 stitch at the neck edge every-other-row 5 times. Knit to row 92 without shaping. Now increase 1 stitch every-other-row 5 times, then cast on 5 stitches.
RC000.
Knit even for 66, 76, 86 rows.
RC000.
At the left edge bind off ~~62~~ 42 62, 60 stitches, then decrease 1 stitch at the left edge every 3 rows to row ~~216~~ 175, 230, 242.
Now decrease evenly across to 128 stitches and transfer stitches for 1x1 rib. Tension 3 knit 26 rows ribbing then bind off loosely.
Work the ribbed band for the other front part of the sleeve as above.

BACK

Knit the same as the front, only eliminate the neck shaping from * to *. Instead you will knit 102 rows even.

BOTTOM BAND

Rehang the bottom edge of the sweater front, gathering to 128, 136, 148 stitches. Work 24 rows of 1x1 rib at tension 3 and bind off loosely. Do the same thing for the back of the sweater.

FINISHING

Join all seams. Corchet an edge around the neckline.

"Kiwi"
14 Carson
Borger, TX 79007

CAMEL NEWLITE LACE TOP

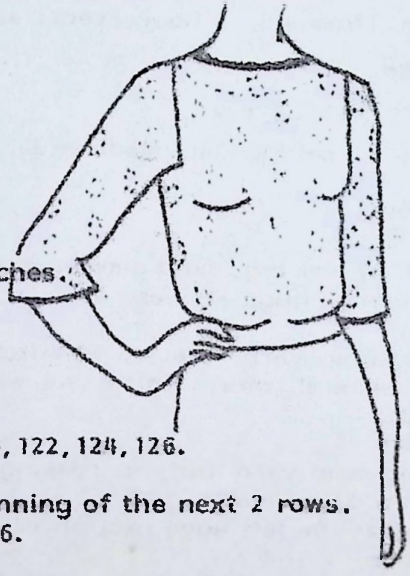
Machine: any machine that does lace, but designed on a KH860

Pattern: Brother lace card #18

Gauge: 7.25 sts and 10 rs = 1"

Stitch size: try 5

Finished bust sizes: 34,36,38,40"



FRONT/BACK (make two pieces alike)

At tension 3 cast on 124,130,138,146 stitches.
Knit 10 rows. Make picots.
RC000.
Knit 10 rows and hang hem.
Knit 1 row at tension 7 to close hem.
Tension 5 knit 1 row across to the right.
Start lace pattern. Knit even to row 120,122,124,126.
RC000.
Bind off 20,22,25,28 stitches at the beginning of the next 2 rows.
Still in lace, knit even to row 82,82,86,86.

NECK

For all sizes, scrap off all but the center 64 stitches. On these 64 stitches increase 1 stitch at the beginning of the next 10 rows. Bind off loosely.
After making both pieces, join both shoulder seams.

SLEEVES

Tension 5 with scrap yarn cast on 108,108,112,112 stitches and knit about 20 rows, ending with the cam on the left. Knit 1 row ravel cord.
E-wrap cast on with main yarn.
RC000.
Knit 2 rows and start lace pattern.
Knit even to row 96 and mark the edge stitches.
Continue to row 122,126,130,134.
Turn work with the garter bar.
With wrong side of the garment toward you, hang the straight edge of the armhole on the same needles as the sleeve stitches are on and bind off.
Make the other sleeve the same way.

FINISHING

Seam the bound off stitches at underarm to the marked stitches. Join all other seams. Turn under the neck facing and tack in place. Single crochet in each stitch around sleeve then *slip stitch in stitch, chain 2*. Repeat from * to * around. THIS IS THE TOP I WORE TO THE NORMAN, OK SEMINAR. YOU SEE, IT REALLY IS A BEGINNER PATTERN. THE SKIRT WAS JUST A PLAIN STOCKINET STITCH SIDEWAYS SKIRT.

"DEAR JANE"

A column dedicated to Machine Knitters.Send your questions, comments and hints to -

Jane McManus
39 Depot St.
Sharon,Mass 02067

Please include name and address for publication.

Requests from:

Mary C. Ferenchak
1220 - 4th Street
N.Catasauqua, PA 18032

Mary is looking for a 24 punch design for a Bucking Bronco with rider. Was once available in a western series that is from a company no longer in business.

Margaret Martin
110 Midvale Ave
Wanaque, New Jersey 07465

Margaret is looking for a 24 needle punch card for a Baker.

B. Simon
5614 Lynne Drive
McCalla , AL 35111

Ms. Simon needs a counter and possibly replacement needles for a "Pine Star K 153" knitting machine sold approx. 20 years ago in England. Thats a tall order, I hope someone has information for her.

Doris Young
8208 Wyoming Pass
Ft. Wayne, Ind. 46815

Doris has a Chunky Model SK-120 . Needs a ribber that would fit this. Either a Studio or Toyota.
Thanks for your long and interesting letter Doris, sounds like you and your husband have really become "hooked" on machine knitting.
Doris would also like to see more mens patterns published in Pats Pattern's.

Leonora Windschitl
R.1 Box 221
Comfrey, Minn 56019

Thanks for your letter of appreciation. Makes me feel good that it's something you have been looking for.

Stephanie Widmann
Rt. 1, Box 14B
Bybee, Tenn 37713

Stephanie would like to know all the ways to use a garter bar. Also how to keep Afghan, placemats, and scarf edges from rolling without hemming or crocheting.

Judy's Knits
4218 Honey Oaks Drive
Seabrook, TX 77586

Judy has written up directions for the broken toe cas on for her knit club and has graciously sent us a copy. Thanks so much Judy.

(see page 2)

Knitters with answers to above questions may write directly to the person or to "DEAR JANE" for publication of answers. Most readers seem to think publication is the best way so we may all benefit from the questions.

Untill next month! HAPPY KNITTING. And thank you all so much for your enthusiasm about the column.

At last it's ready: RAGLANS and MORE

There are six raglans - all knitted uniquely - some top-to-bottom, others bottom-to-top, some a combination, some are even knitted sideways! One is a cardigan, four are pullovers, and one features a placket opening. You'll even find mock raglans. The more part of the book is bias knit two and three color tops and a favorite cardigan vest. All are in sizes XS, S, M and L to fit women or men.

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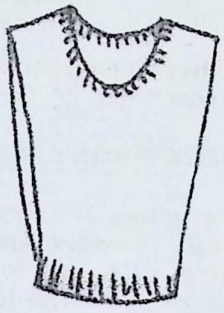
SCOOP NECK VEST



Yarn: Yarn Country's Milano as main yarn and Yarn Country's Ecstasy for bands

Machine: any 4.5 mm machine

Gauge: 6 sts and 7.5 rs = 1"

Stitch size: try 10

Sizes: S(32-34), M(36-38), L(40-42), XL(44-46)

Approximately 10 oz. will make the small size.

Worn on the purl side, this vest has the appearance of a very bulky sweater style, but it knits easily on the regular knitting machine. You do have to use a lot of weight, however, since the nubs creates a tendency to "hang up" on the needles.

BACK

Cast on 96,108,120,132 stitches for 1x1 rib using Ecstasy.
RC000 knit 30 rows of ribbing.
Transfer all stitches to the main bed, Break Ecstasy and insert Milano.
RC000.
Tension 10 knit even to row 114,120,124,133.
Remove the center 38,42,44,48 stitches onto waste yarn.
Place the stitches opposite the carriage onto a garter bar or into hold.
*RC000.
Decrease 1 stitch at the neck edge on rows 2 and 4 for all sizes while partial knitting the shoulder according to this formula:

Small: 7 sts 3x then 6 sts 1x
Med: 8 sts 3x then 7 sts 1x
Large: 9 sts 4x
Extra Lg: 10 sts 4x.

Remove these shoulder stitches onto waste yarn.*

Repeat from * to * for other side.

FRONT

Work ribbing same as for back.
RC000.
Using Milano and tension 10 knit even to row 76,82,79,88.
Remove the center 22,24,24,26 stitches onto waste yarn.
Place the stitches opposite the carriage onto a garter bar or into hold.
**RC000.
Shape front by decreasing 1 stitch at the neck edge thus:

Small: ev 3rd r 10x. Knit to row 38.
Med: ev 3rd row 11x. Knit to row 38.
Large: ev 3rd row 12x. Knit to row 45.
Extra Lg: ev 3rd row 13x. Knit to row 45.

RC000.
Shape the shoulder by partial knitting according to this formula:

Small: 7 sts 3x then 6 sts 1x
Med: 8 sts 3x then 7 sts 1x
Large: 9 sts 4x
Extra large: 10 sts 4x.

Remove these shoulder stitches onto waste yarn.**
Repeat from ** to ** for the other side.

BACK NECK/FRONT NECK BANDS

Pick up stitches around either the back or front neck with the knit side facing you. Remove waste yarn. Knit 1 row at tension 10 over all stitches with Milano. Change to Ecstasy yarn and arrange stitches for 1x1 rib. Knit 9 rows of rib. At the loosest tension possible knit 1 row. Transfer stitches to main bed and cast off. Work the other band the same way.

FINISHING

Join shoulder seams and neckband seams. Sew side seams from bottom of ribbing to the desired point, depending on the length of armhole opening wanted. Steam lightly.

Last month we goofed on Sylvia Stewart's ad for her two new books, FAMILY KNITS and COVER-UPS. Each book is $7 + 70¢ p/h, but her correct address is: R.D.#5, Box 138, Kittanning, PA 16201.

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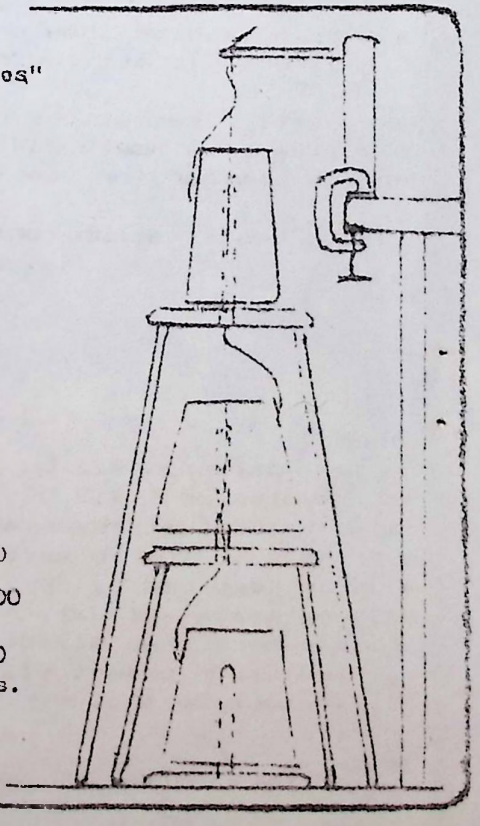

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STRICTLY FOR BEGINNERS

Patricia Wetzel
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(412)463-8060

This month we want to address two subjects that have been suggested by you subscribers. The first concerns the fact that some of our patterns give an uneven decimal point as a stitch and/or row gauge and the second is for new owners of electronic machines who never had a punchcard machine.

SPECIFIC GAUGE

First, you begin by making a traditional swatch with your yarn. The part of the swatch that will be measured is 40 stitches wide and 60 rows in length - this is standard. Ordinarily we use the stitch and row scales that are included with our charting devices. However, they, regardless of the brand of machine, are callibrated for the metric system of measurement, resulting in very slight variations from the actual decimal system results. So, to be extremely accurate we instead measure across the stitches and row with a ruler.

As an example, let's say that when we measure across the 40 stitches of our swatch they measure 5.75" (that is 5 3/4 inches). To find out how many stitches one inch would measure we simply divide 40 by 5.75. This simple math gives us the result of 6.956 stitches per inch. Now, if you will be doing diagram charting (actually figuring the stitches to cast on, etc.) you use the 6.956 stitches per inch to do all widthwise calculations. As an example, suppose you wish to make a sweater having a 34" bust or chest. The front and/or back of that sweater would have to be 17" wide. Multiply 17" times 6.956 stitches per inch and you will ascertain that this part of the sweater must be 118.252 stitches wide. Obviously we can't cast on a fractional part of a stitch and since the number to the right of the decimal is less than 5 we just round back to the nearest whole number, which in this case is 118.

On the other hand, if you wanted to use a drawn pattern in your charting device you would multiply 6.956 stitches times 4 for a result of 27.824 stitches in 4". So, for half scale charting devices you would use the stitch scale closest to your gauge. In this case the number to the right of the decimal is 5 or more, so we would round up to the next full number of 28. The stitch scale with a 28 on it would be inserted into the charting device.

If you have a full scale charting device, such as a Brother Knitleader, you must determine which stitch scale to use for it. For all stitch gauges divide the 4" of stitches (28 above) into 4000. The result here is 142.857. Again round up to the closest full number of 143 - you use the stitch scale with 143 on it. (Don't ask me where I got the 4000. I figured this out long ago. Just trust that it works.)

The row gauge is done similarly. Say your 60 rows of the swatch measures 6.25" (6 1/4 inches). Divide 60 by 6.25 for the result of 9.6 rows per pinch. That's all you need for diagram (math) charting. If you want to use your half scale charting device multiply the 9.6 times 4 for 38.4 rows in 4". Round the 4 back to the nearest whole number of 38. The row gauge should be set on 38 (actually, the rows gauge has half row settings, so since .4 is close to .5 you might want to retain that half row).

If yours is a full scale charting device you must go one more step and divide the 38 or 38.4 into 600 (again, don't ask where I got the 600) for a result of 15.789 or 15.625. Set your rows dial accordingly (the number to the left of the decimal is the first part of the setting - the centimeters part, and the number to the right of the decimal is the second part of the setting - the millimeters part). Obviously some rounding must be also done here. You will either be using 15.8 or 15.6, the latter being the more accurate.

So now, those of you who couldn't understand why Lois Blystone's "Child's Fanny Sweater" on page 12 of the July '85 issue #61 gave the gauge of 4.12 sts and 6.375 rs to the inch - you should now understand!

USING PUNCH CARD DESIGNS ON ELECTRONIC SHEETS

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The design at the left is intended to be used as a fair isle design. On punch cards the 0's are always punched out and the .'s are left unpunched. Each space across the design is equal to a square on the design sheet. Disregard the two rows of solid 0's at the top and the bottom of the card, since these are lapping areas of the card.

If you wanted to do so you could mark all 24 stitches across and all 36 rows of this design on your electronic design sheet. But one advantage of the electronic machines is that you only need to mark one pattern repeat. So, you must look at the punch card pattern and figure out what part of the design is just one pattern repeat. One repeat of the pattern is:

```
...0
...0
...0
..0
..0
.00
.00
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000
```
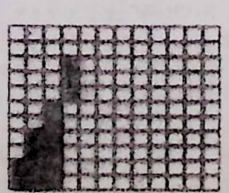

Although we haven't shown the entire width of a design sheet, you would mark the left hand portion of the sheet as shown below:



You can see that the actual design is just 4 stitches wide, so you would set your machine to repeat the design every 4 stitches. Also, the design is 9 rows long, so mark the instruction column at the right side of the sheet so the sheet returns to the beginning after every 9 rows have been knitted. Since the Studio/Singer machines differ from the Brother machines in their symbols etc. I cannot tell you the specifics for this part. But refer to your manual and/or to other design sheets to see how this is done.

On tuck patterns, punch card machines must punch out all holes which will knit - blank spaces indicate where a stitch will tuck. One very popular tuck stitch punch card is shown partially below:

```
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.000.000.000.000.000.000
.000.000.000.000.000.000
00.000.000.000.000.000.0
00.000.000.000.000.000.0
00.000.000.000.000.000.0
.000.000.000.000.000.000
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00.000.000.000.000.000.0
00.000.000.000.000.000.0
```
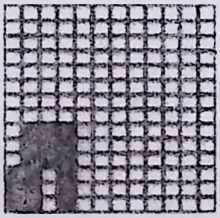
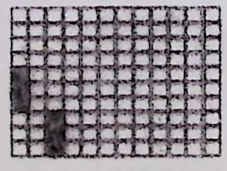

One repeat of the card at the left is:

```
.000
.000
.000
00.0
00.0
00.0
```

Again, you could mark the entire card or mark the segment (one repeat) which is shown above. If you marked the segment shown above you would have a lot of black spaces to mark - and this would be alright - you could mark the left hand part of your design sheet as shown below:

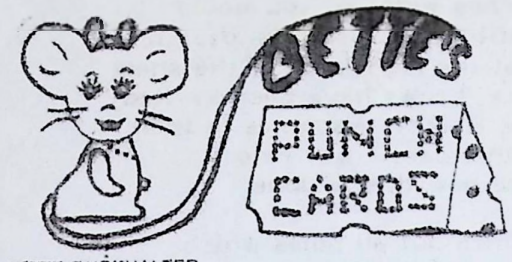


The designers of the electronic machines allow us to be lazy, though, so we just reverse the markings as shown on the punch card in the case of tuck stitch, especially (as well as some other stitches). We just mark the plain spaces ('.'s) instead of the 0's! So, our part of the design looks like:



This particular design is a 4 stitch and 6 row repeat, so set your machine and mark the instruction column accordingly.

Now you owners of electronic machines can use all of the punch card designs!



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Patricia Wetzel
R.D.#4, Box 416
Twolick Drive
Indiana, PA 15701
(412)463-8060

TEENS' BACK-SCHOOL SEPARATES

Machine: any standard 4.5 mm

Yarn: a double strand of 2/20 Tamm Sport Shetland (this yarn goes a long way)

Gauge: 7.25 sts and 10.5 rs = 1"

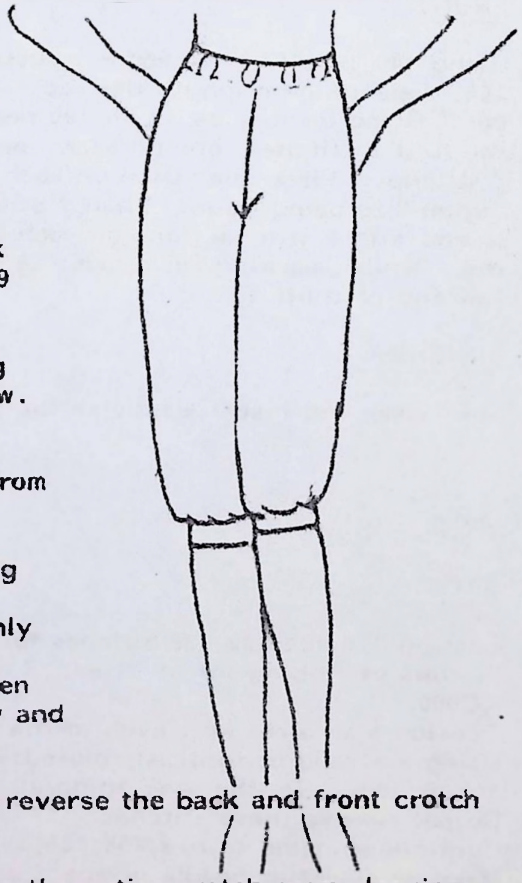
Stitch size: try 6

VEST will fit these bust sizes: 30, 32, 34, 36, although 2" of ease has been added.

Finished pants hip measurement is 31, 33, 35, 37".

Finished skirt waist measurement is 22½, 24, 25½, 26½" approximately.

KNEE PANTS



Cast on 130, 141, 152, 161 stitches with scrap yarn and knit several rows.
Knit 1 row ravel cord.
RC000. Insert main yarn and knit to row 157 for all sizes.
Bind off 12, 14, 16, 18 stitches for back crotch. Knit 1 row. Bind off 6, 7, 8, 9 stitches this side for front crotch.
RC000.
Knit to row 99, 99, 105, 111, decreasing 1 stitch at each side of every 11th row.
Knit a marking row.
RC000.
Knit even for 24 rows. Hang a hem from the marked row and bind off.

CUFF - Wrong side facing you, rehang the first row of main yarn from the beginning of the leg, decreasing evenly to 90, 92, 94, 96 stitches. Knit 1 row. Knit a marking row. Knit 24 rows even then hang a hem from the marked row and bind off.

Knit the second leg the same, except reverse the back and front crotch shapings.

FINISHING - Sew each leg seam, then the entire crotch seam, leaving the facings open at the inside for insertion of 1" wide elastic. Insert elastic and adjust for fit. Stitch ends together securely, then close facings.

DIRNDL SKIRT

BACK

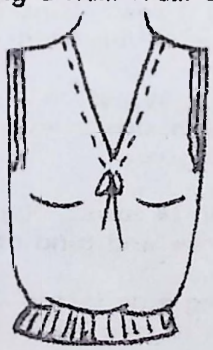
Bring 168, 180, 192, 200 needles to work position, then return every-other needle to "A" position. Arrange the remaining needles for an automatic cast on.
RC000.
Cast on and knit 10 rows at tension 3 (1x1 mock rib).
Bring all the needles forward to fill the spaces so you have the original number of needles forward.
RC000.
Tension 6 knit to that point where a hem can be hung giving sharp picots.
Hang the hem and knit 1 row at tension 8 to seal the hem.
Tension 6 resume knitting.
Continue to row 230 for a 22" long skirt; to row 284 for a 27" long skirt.
Take work off on scrap or a garter bar, then rehang onto 84, 90, 96, 100 needles, having 2 stitches on each needle. Knit 1 row. Knit a marking row. Knit 24 rows. Hang a hem from the marked row and bind off.

FRONT

Using 140, 146, 152, 156 needles procede as for the back up to row 230 or 284, depending on length desired. Take work off on scrap or a garter bar. Bring up just 84, 90, 96, 100 needles. Starting at the edge, rehang the first 8 stitches, one on each needle. On the next 28 needles place 2 stitches. Place one stitch on each of the next 12, 18, 24, 28 needles, depending on size being made. Then 2 stitches go on each of the next 28 needles to end with 8 stitches, one on each of the 8 remaining needles. Knit 1 row. Knit a marking row. Knit 24 rows. Hang a hem from the marked row and bind off.

FINISHING

Sew seams and insert elastic as for the pants.



VEST

BACK

Cast on 116, 124, 132, 138 stitches for 1x1 rib and using tension 3/3 knit 32 rows of ribbing for all sizes. Transfer all stitches to the main bed.
RC000.
Tension 6 all sizes knit even to row 106.
Using a strand of contrast colored yarn, rund this through the 7 stitches at one edge. Do the same thing at the other edge with a separate strand.
Do not remove these stitches. ****
Continue knitting to row 158, 186, 194, 198.
Make an eyelet at needle numbers 2, 5, 8, 11, 14 and 17 on each side of 0.
Knit 2 more rows.

WORK THE NON-ROLL ARM EDGE

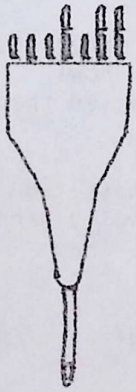
Counting in from the edge, drop the third stitch down to the marked stitch. Pick up this loop on the latch hook. *Go under the next 2 rungs of the ladder, but pull only the topmost one through the stitch on the tool.* Repeat from 8 to * to the top. Do the same thing with the 5th and 7th stitches 0 both sides.

Having the garter bar positioned for turning, remove this piece and lay aside.

FRONT

Work as for back up to ****.
Continue knitting even to row 126 for all sizes. The carriage should be on the right.
Either scrap off all stitches to the left of zero or place them in hold with the carriage set for partial knitting.
Position the prongs of your adjustable transfer tool thus:

RC000.
Using the tool as shown, knit to row 54,62,70,74,, lifiting the stitches off at the neck edge to actually decrease just one stitche while forming an eyelet (move the tool just one needle away from the neck edge each time). Always return the empty needle to work position. Do this decrease/eyelet every 4th row.
At row 54,62,70,74 work the non-roll arm edge at this side, then scrap off the shoulder stitches.
Take carriage to the other side of the bed and work the other side of the front neckline, holding the tool as shown at the left.



FINISHING

Turn the garter bar holding the stitches for the shoulder/ neck area of the back so that the right side of the work is facing you. Right sides together, replace the front shoulder stitches onto the appropriate needles at the edges. Bind off across. Sew side seams up to the marked non-roll stitches. Cast on 4 stitches by e-wrapping and knit 284,304,316,326 rows. Bind off. Starting at one side of the vee, thread this cord through the eyelets to end at the other side of the vee. Tie.

STUDIO/SINGER ELECTRONIC PEN KIT

For drawing Mylar design cards that will not fade or smear. Kit includes technical drafting pen, ink, eraser, and brush in a handy plastic storage box. Specific instructions for using, filling and cleaning.

$22.00 each ppd. (U.S.$ only). IN res. add $1.10 state sales tax.

KAY FURFARO
58809 FIR ROAD, MISHAWAKA, IN 46544

Pat Wetzel
R.D.#4, Box 416
Twolick Drive
Indiana, PA 15701
(412)463-8060

MAIL ORDER YARNS

Several times each month I get letters or phone calls from many knitters, wanting to know where they can buy reasonably priced yarns. Some of you claim to live far from a yarn shop. Others don't want to pay the full retail prices.

There are many sources from which the individual can order mill ends very cheaply. Two ads in the classifieds this month attest to that fact. However, unless there is a slip-up, the individual cannot order name brand cone yarns at wholesale prices. Yarn sales is a business and the dealers must be able to realize a profit. Also, yarn companies don't want to be bothered with orders for one or a few cones and usually only dealers are prepared to order in volume.

If you prefer to have yarns delivered to your door via UPS, here are some reliable sources.

Bonnie's Knitting Machines, 5694 Garwood St., Fairview, PA 16415. Send her a business size envelope which is addressed to you and which has two 22¢ stamps on it. In return she will send you samples of her current mill end yarns. Bonnie also stocks Tamm and Millor yarns. Color cards for these are a "couple" of dollars each.

June's Knitting Machine Center, 156 North Road, East Windsor, CT 06088. June does a lively business with her Cotton Flake, 14/2 and 8/2 cottons, as well as other mill ends. Send $1.00 and a business size envelope.

Delaine Worsted Mills, P.O. Box 951, Gastonia, NC 28052. They manufacture 2/24 Acridel, 2/24 Delsoft and Del-Lite. One color cord which shows the colors of all their yarns is a "couple" of dollars. Be advised that the minimum order may be several cones.

New Jersey Yarn Mills, P.O. Box 57, Fairview, NJ 07022. They have two different weights of cotton yarns, a 2/15 yarn plus several novelty yarns. Again, send a "couple" of dollars when requesting color cards. They also prefer orders of several cones.

Heirloom, P.O. Box 239, Rochelle, IL 61068. They have a wide array of coned yarns from 2/24's to worsteds in a large color range.

I can't imagine anyone buying yarn cone-by-cone! Seems the only way is to buy several cones of each type, with the exception of something really novel. Nothing stirs the imagination like being able to look at a wide range of colors and textures when planning knitting projects!

Lois Blystone
R.D.#1, Box 199
Creekside, PA 15732
(412)397-2671

OPEN SIDE VEST

Machine: any 9 mm chunky or bulky

Yarn: Nomis Conny or any mohair type

Gauge: 5 sts and 7.375 rows = 1"

Stitch size: try 0

Size: one size to fit 32-36" busts

BACK

Using tension "R", or the tightest tension possible for your machine, cast on 86 stitches and knit 24 rows. Hang a hem.
Tension 0 continue to row 162.
Bind off the center 30 stitches, then scrap off or remove on a garter bar the 28 shoulder stitches at each side.

FRONT

Tension "R" cast on 86 stitches and knit 24 rows.
Hang a hem.
Tension 0 continue to row 120.
RC000.
Shape neck: Bind off the center 10 stitches. Divide work by putting all the stitches at the side opposite the carriage into hold, while working ont the other side.
At the neck edge decrease one stitch EOR 3 times, then every third row 4 times, then every fourth row 3 times.
Row counter should read 030 with 28 stitches remaining for the shoulder.
Scrap off these shoulder stitches.
Work the other side of the neck to correspond.

Join one shoulder seam by rehanging the stitches right sides together onto the machine and binding off.

NECKBAND

Evenly pick up 80 stitches along the neck edge with the purl side facing you. Knit 6 rows at tension 0; 4 rows at tension R; 6 rows tension 0. Hang a hem from the beginning of the band and bind off.

Join the other shoulder seam.

SIDE BANDS

There are 2 sections for each side. Pick up 80 stitches from the bottom of the hem to the shoulder seam and knit 4 rows T 0, 4 rows T R and 4 rows T 0. Hang a hem and bind off. Repeat 3 more times. Join band seams at the shoulders. Add buttons and button loops at the lower hemmed edges.

Pat Wetzel - R.D.#4, Box 416 - Twolick Drive - Indiana, PA 15701

BOOK REVIEWS

Some months we have no books to review for you. Right now we have at least 3/4 of a dozen demanding our attention! That being the case, we will review as much of the material as possible this month - hopefully at least three or four items. Then, we should be able to finish our review of the current supply in the remaining two issues of 1985.

If you have published a book pertaining to machine knitting and you would like us to review it for you, just send a copy along to us. If you like, you might also want to insert an ad the same month your book is reviewed, but it is not necessary.

ELECTRONIC DESIGNS from Lambskins are available in three volumes. Volume I features 14 animals and scenes. I particularly like Barbara's kitten in the roses design, as well as a horse whose shape is formed by the letters "h-o-r-s-e". Volume II seems to features various birds and Scottie dogs - my favorite is a duck either landing or taking off above a marsh. If you like nautical motifs and scenes, you will want Volume III.

Each set consists of the patterns marked on design sheet paper - ready for you to lay your mylar sheets on top and mark. Each set is inserted in a soft plastic folio which has three holes punched in the side for use in a three ring binder.

Ordering information for these designs can be found in the LAMBSKINS ad on the last page of this issue.

A TIME TO KNIT MITTENS is the most recent collection of patterns from Sande Baas and Marty Godlewski. All of their mitten patterns are in sizes for children, women and men. You will find a worsted version, a double mitten using a double strand of 2/24, and a medium weight version.

Six different cables are possibilities for dressing up the mitten styles, as well as a super number of fairisle designs.

Knitting hints, diagrams and abbreviations are included to make the knitting easy.

This spiral-bound book can be ordered from Marty at 2247 Shiawassee S.E., Grand Rapids, or Sande at 700 - 72nd St. S.E. - both in Grand Rapids, MI. Send a stamped envelope for ordering information, since I don't have the price of this book.

BOOKS BY KAY FURFARO
58309 FIR ROAD, MISHAWAKA, IN 46544

KNITTIN' MISC. Useful, practical, decorative and novelty items. Included are household, Christmas, hats & scarves, 2 skirts, 2 tops. Patterns, punch card designs, techniques. Written with the beginner in mind.

SWEATERS FOR THE ENTIRE FAMILY, BOOK 1
Classic crew neck with set-in sleeves, written for the 500/560. Automatically shapes shoulders and necklines by slipping stitches. Sizes 2 through 48. Stitch guage: 8 sts and 12 rows = 1".

SWEATERS FOR THE ENTIRE FAMILY, BOOK 2
Lightweight, with set-in sleeves. For all machines. Round and V-neck, long and short sleeves, pullover and cardigan. Sizes 2 through 48. Stitch guage: 9 sts and 13 rows = 1".

$15.95 each ppd. (U.S.$ only). IN res. add $.80. Dealer prices, send SASE, business card, and tax number.

Kay Furfaro has completed a nifty book of odds and ends called KNITTIN' MISC. It is a collection of such things as hot pads, a lacy apron, a tote bag, a wedding or anniversary pillow or wall hanging, two skirts and two tops with variations, and much more. This book has good projects for the beginning knitter, since most of them won't require a swatch!

There are several pages of "how to", an extensive index and room for notes or your own pattern variations. Black and white photographs of the finished products are also included in this 80 page, spiral-bound book.

You will have fun with the things in this book. Kay's ad, which provides ordering information, is on the previous page.

Sandra Cherry has put together a very useable collection of classic sweater styles for the entire family. There is a boat neck style as well as a crew neck and vee neck style. You have your choice of several sleeve styles. Each fasion is designed in infant's sizes 0-3, 6-9 and 12 months, in children's sizes2, 3, 4, 6, 8, 10, 12 and 14, in women's bust sizes 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52 and 54, and in men's sizes 34 through 50 inclusive! That's a lot of sizes.

Sandee includes detailed diagrams of each size grouping, giving all the pertinent measurements. Three pages of fantastic sketches "up front" show all kinds of design possibilities. Her ideas will probably lead you to ideas of you own.

SANDEE'S

KWIK KNITS BOOK 1

$14.95 + $1.00 SH

Book 1 includes 32 sizes for the family. Crewnecks, V-Necks and Boatnecks. A variety of sleeves include Regular Set-In, Knit In, Padded Pleated, Short and Long Sleeve.

Sizes: 0 - 32 Children's
32 - 50 Women's
34 - 50 Men's

This book is written with the beginner in mind and for all machines.

SANDRA CHERRY
324 W. MAIN ST.
MOWEAQUA, IL 62550
217/768-4965

The patterns have the beginning knitter in mind, but even an experienced knitter will have fun with them.

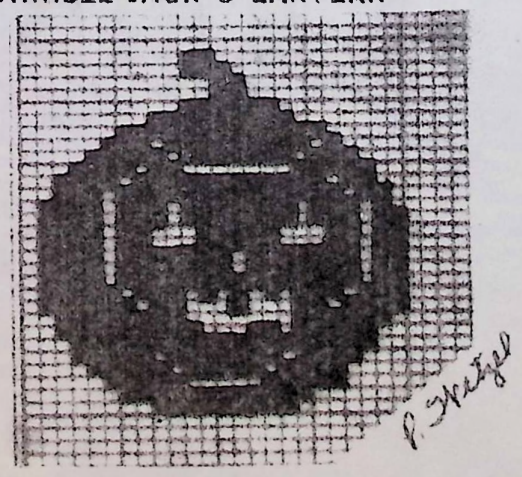
Sandee suggests several yarn possibilities to achieve her gauge of 7.25 stitches and 11 rows per inch. You'll be bound to have more than one of them.

The written instructions are quite clear, but concise.

This 100 + page book is spiral-bound to lay flat during use.

Ordering information is at the left.

FAIRISLE JACK-O-LANTERN



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1/8 page $5 per insertion.
1/4 page $10 per insertion.
1/2 page $30 per insertion.
Full page $90 per insertion.

Display ads must be dark black on white with no heavy borders.

Ad copy must be in our hands by the 10th of October for inclusion in the November issue.

CLASSIFIED ADS are 10¢ per word and subject to the same deadline as display ads. Dealer listings and seminar information FREE as a public service.

CLASSIFIED ADS

Nice quality MILL ENDS, some from Spain. FREE SAMPLES. SSAE with 2 stamps to: Bonnie's Knitting Machines, 5694 Garwood St., Fairview, PA 16415.

Cotton knits are nice year round because of their absorbancy. Get my set of patterns for COTTON TOPS for $6 + 60¢ p/h. Lois Blystone, R.D.#1 Box 199, Creekside, PA 15732.

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